

COPY

PATENTS
109026-0066

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post-office address, and citizenship are as stated below next to my name.

I believe I am an original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled METHODS AND APPARATUS FOR MANUFACTURING ELECTRONIC AND ELECTROMECHANICAL ELEMENTS DEVICES BY THIN-FILM DEPOSITION AND IMAGING, the specification of which is attached hereto and identified by Cesari and McKenna File No. 109026-0066.

I hereby state that I have reviewed and understand the contents of the above-identified application specification, including the claims, as amended by any amendment specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

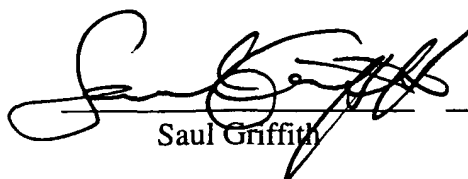
I hereby claim foreign priority benefits under Title 35, United States Code §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate filed by me on the same subject matter having a filing date before that of the application on which priority is claimed: None.

I hereby claim the benefit under Title 35, United States Code §119(e) of the following U.S. provisional application: Serial Number 60/126,517 filed March 26, 1999.

I hereby claim the benefit under Title 35, United States Code §120, of the United States Application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United State Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56, and which became available to me between the filing date of the prior application and the national or PCT international filing date of this application: None.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

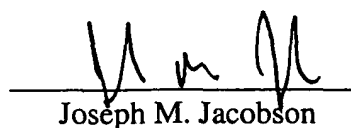
I hereby appoint Michael E. Attaya, Reg. No. 31,731; Charles J. Barbas, Reg. No. 32,959; Joseph H. Born, Reg. No. 28,283; Robert A. Cesari, Reg. No. 18,381; Yong S. Choi, Reg. No. 43,324; Brian C. Dauphin, Reg. No. 40,983; Steven J. Frank, Reg. No. 33,497; Christopher K. Gagne, Reg. No. 36,142; A. Sidney Johnston, Reg. No. 29,548; William A. Loginov, Reg. No. 34,863; John F. McKenna, Reg. No. 20,912; Rama B. Nath, Reg. No. 27,072; Martin J. O'Donnell, Reg. No. 24,204; Thomas C. O'Konski, Reg. No. 26,320; Michael R. Reinemann, Reg. No. 38,280; Rita M. Rooney, Reg. No. 30,585; Heather B. Shapiro, Reg. No. 41,305; Patricia A. Sheehan, Reg. No. 32,301; and Joseph Stecewycz, Reg. No. 34,442, Cesari and McKenna, LLP, 30 Rowes Wharf, Boston, Mass. 02110, jointly, and each of them severally, my attorneys and attorney, with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith. Please direct all telephone calls to Steven J. Frank at (617) 951-2500. Please address all correspondence to Steven J. Frank.

 24/2/2000.
Saul Griffith Date

Residence: 46B Dana Street
Cambridge, MA 02139

Citizenship Australia

Post Office Address: Same as above

 24/2/2000
Joseph M. Jacobson Date

Residence: 223 Grant Avenue
Newton, MA 02159

Citizenship U.S.A.

Post Office Address: Same as above

Scott Manalis 2/29/00
Scott Manalis Date

Residence: 100 Memorial Drive
Cambridge, MA 02139

Citizenship U.S.A.

Post Office Address: Same as above

PATENT

Attorney Docket No. MLB-066C2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Griffith et al.
 SERIAL NO.: Not yet assigned GROUP NO.: Not yet assigned
 FILED: Herewith EXAMINER: Not yet assigned
 TITLE: METHODS AND APPARATUS FOR MANUFACTURING ELECTRONIC
 AND ELECTROMECHANICAL ELEMENTS AND DEVICES BY THIN-
 FILM DEPOSITION AND IMAGING

Mail Stop Patent Application
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

ASSOCIATE POWER OF ATTORNEY

Sir:

An associate power of attorney is hereby granted to:

NAME	REG. NO.
Andrew F. Abramson	52,538
Steven M. Bauer	31,481
Mark L. Beloborodov	50,773
John V. Bianco	36,748
Robert S. Blasi	50,389
Michael H. Brodowski	41,640
Jennifer A. Camacho	43,526
Joseph A. Capraro, Jr.	36,471
Fangli Chen	51,551
Christopher H. Chung	50,351
John J. Cotter	38,116
Robert V. Donahoe	46,667
Brian A. Fairchild	48,645
James E. Fajkowski	54,089
Jason P. Fiorillo	52,892
John V. Forcier	42,545
Kia L. Freeman	47,577
Brian M. Gaff	44,691
Edward A. Gordon	P-54,130
Duncan A. Greenhalgh	38,678
William R. Haulbrook	53,002
Ira V. Heffan	41,059
Douglas J. Kline	35,574

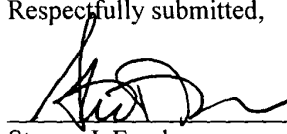
NAME	REG. NO.
William A. Meunier	41,193
Thomas C. Meyers	36,989
Jennifer G. Moitoso	51,752
Ronda P. Moore	44,244
Jeremy P. Oczek	50,794
Jamie H. Rose	45,054
Christopher W. Stamos	35,370
Diana M. Steel	43,153
Robert J. Tosti	35,393
Thomas A. Turano	35,722
Natasha C. Us	44,381
Christine C. Vito	39,061
Daniel A. Wilson	45,508
Gerald E. Worth	45,238

in connection with the above-identified patent application.

Please continue to direct all correspondence relating to the above application to:

Patent Administrator
Testa, Hurwitz & Thibault, LLP
High Street Tower
125 High Street
Boston, MA 02110

Respectfully submitted,



Steven J. Frank
Attorney for Applicant(s)
Testa, Hurwitz, & Thibault, LLP
High Street Tower
125 High Street
Boston, Massachusetts 02110

Date: August 22, 2003
Reg. No. 33,497

Tel. No.: (617) 310-8108
Fax No.: (617) 248-7100